

Amendments to the Specification:

Please replace the paragraph beginning on page 2 line 6 with the following revised paragraph:

Such implants that have thin side flanks of the receiver member, however, encounter a problem when using only an inner screw for fixation without an additional securing via a nut to be screwed on or a cap covering the legs of the receiver member at the outside or a ring or the like. The problem is illustrated by means of Fig. 7, which shows schematically a polyaxial bone screw similar to that shown in ~~EP 0 614 549 B1~~ EP 0 614 649 B1, but without the external cap or nut. As shown in Fig. [[6]] 7, there is a screw element 101 having a spherical segment-shaped head 102, which is held in a receiver member 103 having a U-shaped recess for insertion of the rod 100. A pressure element 104 acts upon the spherical segment-shaped head 102 and, for fixation of the rod and of the head, an inner screw 105 with a metric thread is provided which can be screwed into the receiver member 103. At the time of final tightening of the inner screw with high torque, the inner screw tilts about the rod support surface or rotates about the rod such that a torsional force acts upon the legs of the receiver member distorting the same against each other. This results in an asymmetric splaying and deformation of the thread receiving parts resulting in the possibility that the inner screw can slide out of the lower right left and the upper left right turn shown by a circle in Fig. 7, respectively, and the respective turn may be skipped.

Please replace the paragraph beginning on page 10 line 28 with the following revised paragraph:

As shown in Fig. 5, the U-shaped recess 31 has a channel width from the bottom until a height A which is slightly larger smaller than the diameter D of the rod to be received such that the rod is displaceable into the channel formed by the recess. Adjacent to this region and starting from the height A until the free end of the legs 32, 33, the inner diameter of the receiver 30 is larger than the diameter of the rod. Therefore, a shoulder or projection 37 is formed at the inside of each of the legs 32, 33, which forms an abutment for supporting the inner screw to avoid

Appln No. 10/726,177
Amdt date March 20, 2006
Reply to Office action of October 19, 2005

tilting thereof. The inward projection 37 can be formed, for example, as the undercut for the inner thread with a planar surface.